

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): SHIROTA et al.
Appln. No.: 09

531,531

Group Art Unit 3744
Examiner: Unknown
Atty. Dkt. PM 25771841069-USPD2C-
JSJ/nh

Series Code ↑

Serial No. ↑

Filed: March 21, 2000

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

PRELIMINARY AMENDMENT

Date: December 18, 2000

This is a preliminary amendment in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim

- A. ☒ NOT made
B. ☐ Withdrawn
C. ☐ made herewith
D. ☐ made previously

For B & C
See **Required
Separate Paper**
(Pat-256)

Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	14	**minus 20	0	x \$18/\$9 = + \$0	103/203
3. Independent Claims	4	***minus 3	0	x \$80/\$40 = + \$80	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application) add				+ \$260/\$130 = + \$0	104/204
5. Original due Date:		<input checked="" type="checkbox"/> NONE			
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached		(1 mo) \$110/\$55 = (2 mos) \$390/\$195 = (3 mos) \$890/\$445 = (Usable only for ≤ 2mo.OA --- 4 mos) \$1390/\$695= (Usable only for 30 day/1mo.OA --- 5 mos) \$1890/\$945=	+ \$0		115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract				- \$0	
8. Extension Fee Attached				+ \$0	
9. If Terminal Disclaimer attached, add Rule 20(d) official fee				+ \$110/\$55 + \$0	148/248
10. If IQS attached requires Official Fee under Rule 97 (c), add				+ \$180 + \$0	126
or if Rule 97(d) Request add				+ \$180	126
11. After-Final Request Fee per rules 129(a) and 17(r)				+ \$710/355 + \$0	146/246
12. No. of additional inventions for examination per Rule 129(b).....				x \$710/355 ea + \$0	149/249
13. Request for Continued Examination (RCE)				+ \$710/355 + \$0	1179/1279
14. Petition fee for				+ \$0	
15. TOTAL FEE ENCLOSED =				\$80	

16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 03-3975)

(Our Order No. 30954 | 257718
C# | M#)

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Madison & Sutro LLP
Intellectual Property Group

By Atty: G. Lloyd Knight

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NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of:

SHIROTA et al.

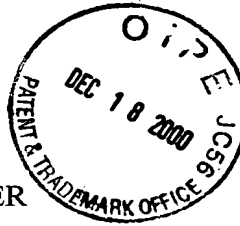
Group Art Unit: 3744

Application No.: 09/531,531

Examiner: Unknown

Filed: March 21, 2000

FOR: AUTOMOTIVE AIR CONDITIONER



* * * * *

December 18, 2000

SECOND PRELIMINARY AMENDMENT

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

Please amend this application as follows:

RECEIVED
DEC 26 2000
TC 3700 MAIL ROOM

In the Claims:

Please add the following new claims:

13. (New) An air conditioner for a vehicle having a passenger compartment, said air conditioner comprising:

a case forming an air passage through which air flows into the passenger compartment, said case having a first opening for blowing air toward an upper side of the passenger compartment, a second opening for blowing air toward a lower side of the passenger compartment, and a third opening for blowing air toward a windshield of the vehicle;

a cool heat exchanger for cooling air passing therethrough, said cooling heat exchanger being disposed within said case approximately horizontally at an approximate center of an instrument panel of the vehicle in a width direction of the vehicle in such a manner that air is introduced into the cooling heat exchanger from below upwardly;

a heating heat exchanger for heating air from said cooling heat exchanger, said heating heat